

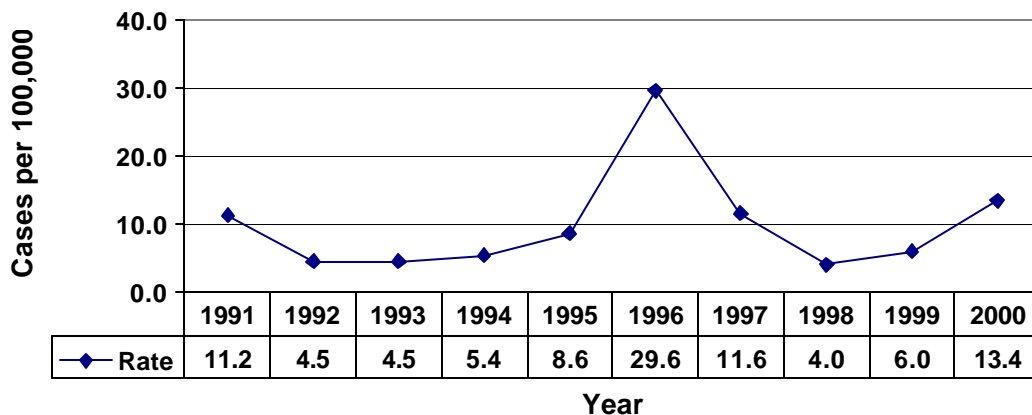
SHIGELLOSIS

Shigellosis is an acute bacterial disease of the gastrointestinal tract caused by a bacillus of the *Shigella* species. It is characterized by bloody diarrhea accompanied by fever, nausea, vomiting, and abdominal cramping. Transmission is by the fecal-oral route from person to person or from food contaminated by an infected person. The disease is more severe in children than in adults and can be especially difficult to control in day care centers.

Laboratory Criteria for Confirmation:

- Isolation of *Shigella* sp. from a clinical specimen.

**Shigellosis Incidence
Kentucky, 2000**



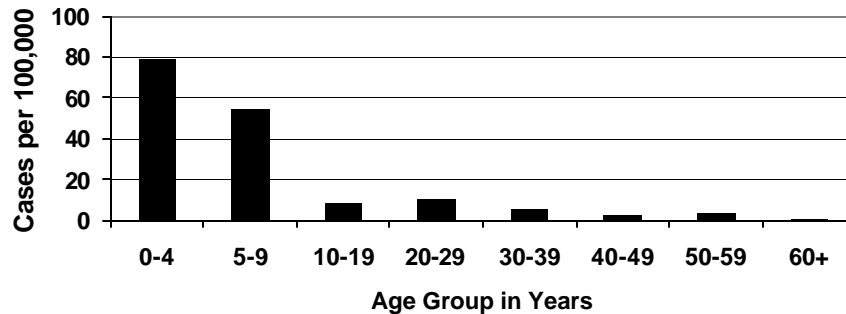
Incidence in Kentucky 2000

Number of Cases	530
Rate per 100,000	13.4

Rate by Gender

Female	14.7
Male	11.7

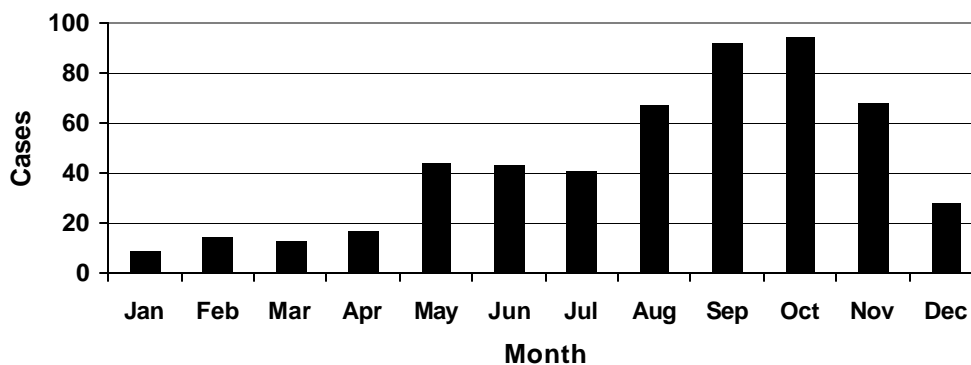
Shigellosis, Age-Specific Incidence Kentucky 2000



Several counties experienced high incidence rates for Shigellosis in 2000, with the 0-4 and 5-9 year age groups showing correspondingly high rates. All rates are per 100,000 on the following chart.

<u>County</u>	<u>Overall Rate</u>	<u>0-4 year</u>	<u>5-9 year</u>
McCracken County	86.9	504.3	316.5
Nelson County	65.0	299.6	202.0
Christian County	52.8	114.7	116.1
Jefferson County	48.8	334.5	215.1
Franklin County	34.3	286.5	209.0

Shigellosis, Reported Cases by Month of Onset Kentucky, 2000



The highest reporting months in 2000 were August, September, October, and November.

Shigellosis by District, Kentucky Annual Incidence 2000

